

UPDATED MARKETING ANNOUNCEMENT

We are pleased to announce  
Bluetooth & Wi-Fi enabled  
versions of the

**MOTOTRBO™**

**R5**



**MOTOROLA** SOLUTIONS

# What's new with MOTOTRBO R5 portable two-way radios

We've updated the R5 series to ensure better connectivity and reliability for your team, wherever they operate.

## **New Bluetooth & Wi-Fi Models:**

Connect accessories easily and update your radio remotely - no trip back to the workshop needed.

## **Key features**

- VHF and UHF
- Wi-Fi 2.4/5.0 GHz<sup>1</sup>
- WPA3 Wi-Fi security protocol compliant<sup>1</sup>
- Bluetooth® Core version 5.2<sup>1</sup>
- Integrated GNSS location tracking<sup>1</sup>
- Digital and analogue signalling
- 1.5" 132 x 48 px display
- Modern, intuitive user experience
- Wide suite of accessories
- Sleek and ergonomic form factor
- Automatic acoustic feedback suppression
- SINC+ noise suppression
- AI-trained noise suppression
- Intelligent audio
- IMPRES™ audio and energy technology
- Programmable loudness up to 106 phons
- Wideband speaker
- Simple audio configuration
- Up to 32 hours battery life
- IP67 dust-tight and waterproof
- Intrinsically safe option (UL TIA4950)
- Robust side accessory connector
- Rugged to MIL-STD 810H
- Enhanced 5 year warranty as standard with optional add-ons for enhanced cover

<sup>1</sup> R5 is available in three configurations: NKP, LKP with GNSS OR LKP with Bluetooth and Wi-Fi.

R5 UHF models are now certified to maritime standards for use on board vessels.

Use the new Bluetooth R5 with our range of wireless accessories for greater choice and flexibility.



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## Cut through the noise

### Loud audio

Be heard over high-noise backgrounds

- Default maximum loudness 101 phons<sup>2</sup>
- Programmable extra loud profile up to 106 phons

### AI-trained noise suppression

Suppress background noise

- Advanced software algorithm embedded on the radio
- Distinguishes between voice and surrounding noise
- Enhances voice clarity while suppressing background noise

### Consistent audio levels

The R5 has a suite of other audio features designed to give optimal performance in a wide range of operating conditions

- Intelligent audio
- Received audio levelling
- Automatic acoustic feedback suppression

<sup>2</sup>The phon is a subjective measure for sound loudness that takes into account the frequency sensitivity of the human ear.

<sup>1</sup>R5 is available in three configurations: NKP, LKP with GNSS OR LKP with Bluetooth and Wi-Fi.

## Focus on the task

### Selectable display configuration

- 1.5" monochrome display for clear status and call information
- User selectable 2 or 3 line configuration to match user preference
- Tri-colour status LED provides visible indication of radio status

### Optimised controls

- Orange emergency button makes calling for help easier
- Large, tactile PTT button for reliable call initiation
- Rotary on/off/volume and channel selector knobs make it easier to use even while wearing gloves

### Long talk time

- Long-lasting 2200 mAh, 2400 mAh and 3200 mAh battery options

### Connected

- Uses GNSS<sup>1</sup> (Global Navigation Satellite System) which monitors location of workers and assets for enhanced efficiency and safety
- RFID and NFC passive tags available as aftermarket kits
- Built-in Bluetooth<sup>1</sup> 5.2 and Wi-Fi<sup>1</sup> makes it easy to wirelessly connect R5 to a range of accessories and remotely update the radio without the need to bring it back to the workshop

## Built to last

### Durable and reliable

Designed to withstand tough conditions in the workplace

- IP67 dust tight and waterproof
- MIL STD 810C, D, E, F, G, H across 11 categories
- Motorola Solutions ALT
- Robust accessory connector

### Software security

- Secure processor
- Secure enhanced Linux operating system (SE Linux)
- Software developed under the NIST cybersecurity framework

### Intrinsic safety

Intrinsically safe certified for use in hazardous locations

- ANSI/TIA4950
- Class I, II, III
- Division 1, Groups C, D, E, F, G
- Division 2, Groups A, B, C, D

### Maritime certification

R5 UHF models are maritime certified to EN 300 720 V2.1.1 and IEC / EN 60945:2002 standards for use on board vessels.



# Accessories

A range of accessories are available including RSM's, a 2-wire earpiece, a selection of batteries and carry cases as well as RFID and NFC tags



RM560



RM530



2-wire earpiece



Batteries and cases

The following range of accessories are compatible with the Bluetooth enabled R5 model:



PMLN8298A

WP300 Wireless bluetooth control Push-to-talk POD



PMLN8332A

Vehicle Mount for WP300



PMLN6246A

Swivel clip (WP300)



PMLN8077A

Swivel earpiece with eartip, long cord



PMLN8125A

Swivel earpiece with eartip, short cord



PMLN8190A

1-Wire Surveillance Earpiece with Translucent Tube, 2.5mm Single Pin



PMLN8092A

Replacement translucent tube (WP300)



PMMN4127A

Portable RSM WM500, IP67, 3.5MM Jack, EMER, Vol CTRL, 4 Prog



PMLN7560A

Rx Only translucent tube (for use with WM500 RSM - PMMN4127A)

## Marketing assets

[Customer presentation](#) (requires Partner Central log on)

[Video](#)

[Web page](#)

[Brochure](#)

[Datasheet](#)

[Product documentation](#)

[Product training](#)

[Full accessories](#)

To learn more, visit:  
[www.motorolasolutions.com/R5](http://www.motorolasolutions.com/R5)



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